In the Claims:

Claim 1 (Currently amended): A compound of the formula:

$$\begin{array}{c|c} & & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ &$$

in which;

- a) X¹ is represented by cyano, halogen or haloalkyl,
- b) one of R^1 or R^2 is represented by C_1 - C_6 alkyl which may be optionally substituted, and the other of R^1 or R^2 is represented by hydrogen or C_1 - C_6 alkyl which may be optionally substituted.
- Alk¹ is represented by a C₁-C₂ linear alkylene group, in which up to two hydrogen atoms are optionally replaced by a substituent selected from the group consisting of C₁-C₈ alkyl optionally substituted, halogen, hydroxy, thiol, and cvano.
- d) n is represented by the integer 0 or 1,
- e) Y is represented by NX²X³-or O-X³.
- f) X^2 is represented by hydrogen or $(C_{1}-C_{6})$ alkyl optionally substituted, and
- g) X³ is represented by

i.hydrogen;

ii.(C,_C,_o)alkyl, optionally substituted,

iii.(C2-C20)alkenyl, optionally substituted,

iv. (C₂-C₁₂)alkynyl, optionally substituted.

v. (C₃-C₁₀)cycloalkyl, optionally substituted,

vi- $(C_3 - C_{10})$ cycloalkyl $(C_4 - C_6)$ alkyl, in which the alkyl and cycloalkyl moieties may each be optionally substituted.

vii.i. (C₆-C₁₀)aryl, optionally substituted,

- - iii. $-(CH_2)$ - $(Alk^3)_q$ - $-(CQ)R^3$ -in-which Alk 3 -is represented by a (C_+C_6) -linear alkylene group, in which up to eight hydrogen atoms may optionally be replaced by a substituent, selected from the group-consisting of (C_4-C_6) -alkyl-optionally-substituted, (C_4-C_6) -alkoxy, halogen, hydroxy, thiol. cyano, and NR 3 R 3 -in-which R 8 -and R 8 -are each independently represented by hydrogen or (C_4-C_6) -alkyl-, q is the integer 0 or 1, R 3 -is represented by hydrogen, (C_4-C_6) -alkyl-, (C_9-C_{10}) -aryl-, or (C_6-C_{10}) -aryl-($C_4-C_6)$ -alkyl-, in which the alkyl-and-aryl-moieties may each be optionally substituted,
 - iv.-($\mathrm{CH_2}$)-(Alk^2)_q- $\mathrm{C(O)}$ -O-R⁴, in which Alk^2 -and q, are as defined above, and R⁴ is represented by hydrogen, ($\mathrm{C_1}$ - $\mathrm{C_{12}}$)alkyl, ($\mathrm{C_6}$ - $\mathrm{C_{10}}$)aryl, or ($\mathrm{C_6}$ - $\mathrm{C_{10}}$)aryl($\mathrm{C_3}$ - $\mathrm{C_9}$)alkyl, in which the alkyl-and-aryl moieties may be optionally substituted.
 - v.–(CH₂)–(Alk²)_q–C(O)-NR⁵R⁵ in which Alk² and q are as described above, and R⁵ and R⁶ are each independently represented by hydrogen,–(C₁–C₁₂)alkyl–(C₂–C₁₀)aryl–or–(C₂–C₁₀)aryl–(C₁–C₁₀)alkyl–in which the alkyl and aryl moieties may be optionally substituted.
 - $\begin{aligned} &\text{vi.-}(\mathsf{GH}_2)\text{-}(\mathsf{Alk}^2)_{\mathfrak{q}_1}\mathsf{Y-R}^7, &\text{in-which-}\mathsf{Alk}^2 \text{-and-}\mathfrak{q}_1\text{-are-as-defined-above}_-\mathsf{Y} \\ &\text{is-O-or-S}_+\text{-and-}\mathsf{R}^2, &\text{is-selected-from-the-group-consisting-of-hydrogen}_+(\mathsf{C}_{1}\mathsf{C}_{12}) &\text{alkyl}_+(\mathsf{C}_{6}\mathsf{C}_{16}) &\text{aryl}_+\text{-or-}(\mathsf{C}_{5}\mathsf{C}_{16}) &\text{aryl}_+(\mathsf{C}_{1}\mathsf{C}_{5}\mathsf{C}_{16}) &\text{aryl}_+(\mathsf{C}_{1}\mathsf{C}_{12}) &\text{aryl}_+(\mathsf{C}_{12}\mathsf{C}_{12}) &\text{aryl$
- vii heteroaryl, optionally substituted,
- viii.heteroaryl $(C_1 C_a)$ alkyl, in which the heteroaryl and alkyl moieties may each be optionally substituted.

Patent Application Attorney Docket No. PC32134A Confirmation No. 4943

 $\begin{tabular}{ll} x-heterocyclic, optionally substituted, \\ x-heterocyclic(C_1C_0)alkyl, in which the alkyl \\ $and-heterocyclic moleties may each be substituted, or, \\ \end{tabular}$

 h) for those compounds in which Y is N_rX² and X³, along with the adjacent nitrogen atom, may form a heterocyclic ring, which may optionally be substituted, or a <u>pharmaceutically acceptable</u> salt, <u>or</u> solvate, thereof.

Claim 2 (Original): A compound according to claim 1 in which one of R^1 or R^2 is hydrogen and the other of R^1 or R^2 is selected from the group consisting of isobutyl, propyl, n-butyl, isopropyl, and ethyl.

Claim 3 (Previously amended): A compound according to claim 2 in which n is 0.

Claim 4 (Currently amended): A compound according to claim 3 in which X^1 is trifluoromethyl and is located at the 3-position of the phenyl ring.

Claim 5 (Cancelled)

Claim 6 (Currently amended): A compound according to claim 4 in which \boldsymbol{X}^2 is hydrogen.

Claim 7 (Cancelled)

Claim 8 (Cancelled)

Claim 9 (Currently amended): A compound according to anyone of claim 18 in which X¹ is represented by halogen or haloalkyl.

Claim 10-12 (Cancelled)

Patent Application Attorney Docket No. PC32134A Confirmation No. 4943

Claim 13 (Previously amended): A pharmaceutical composition comprising a compound according to claim 1 in admixture with 1, or more, pharmaceutically acceptable excipients.

Claim 14 (Previously amended): A topical pharmaceutical formulation comprising a compound according to claim 1 in admixture with 1, or more, pharmaceutically acceptable excipients suitable for dermal application.

Claim 15 (Previously amended): A kit comprising a compound according to claim 1 packaged for retail distribution, which advises a consumer how to utilize the compound to alleviate a condition selected from the group consisting of acne, alopecia, and oily skin.

Claim 16. (New): A compound according to claim 1 in which X¹ is represented by CF₃ and is located at the 3-position of the phenyl ring, R¹ is isobutyl or propyl, R² is hydrogen, and n is 0.

Claim 17. (New): A compound according to claim 1 in which X^1 is represented by CF_3 and is located at the 3-position of the phenyl ring, R^1 is isobutyl, R^2 is hydrogen, n is 0, and X^2 is represented by hydrogen.

Claim 18 (New): A compound according to claim 1 in which X^1 is represented by CF₃ and is located at the 3-position of the phenyl ring, R^1 is isobutyl or propyl, R^2 is hydrogen, n is 0, X^2 is represented by hydrogen and X^3 is benzyl or phenethyl in which the phenyl ring is optionally substituted with at least one substituent selected from the group consisting of methoxy, ethoxy, hydroxy, and methyl.

Claim 19 (New): A compound according to claim 1 selected from the group consisting of:

- a) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid benzylamide,
- b) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid benzylamide,

- c) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [2-(4-methoxy-phenyl)-ethyll-amide.
- d) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid (2-phenoxyethyl)-amide,
- e) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid -3-methoxybenzylamide,
- f) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [2-(4-methoxy-phenyl)-ethyl]amide,
- g) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-2-methoxybenzylamide,
- h) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-2-ethoxybenzylamide,
- i) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-3-methylbenzylamide, and,
- j) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-2-methylbenzylamide.

Claim 20 (New): A compound according to claim 1 selected from the group consisting of:

- a) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-4-methoxybenzylamide,
- b) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-3-methoxy-benzylamide,
- c) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-2-methoxy-benzylamide,
- d) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-2-ethoxy-benzylamide,
- $e) \ \ 2\hbox{-}(4\hbox{-cyano-}3\hbox{-trifluoromethyl-phenoxy})\hbox{-pentanoic acid-}3\hbox{-methyl-benzylamide,}$
- f) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-2-methyl-benzylamide,
- g) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-2,4-dimethyl-benzylamide,
- h) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-4-methoxy-benzylamide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-(2-p-tolyl-ethyl)amide, and,
- j) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-[2-(2-methoxy-phenyl)-ethyl]-amide.

Claim 21 (New): A compound according to claim 1 selected from the group consisting of:

- a) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-(2-m-tolylethyl)-amide,
- b) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-(2-p-tolyl-ethyl)-amide,
- c) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-[2-(2-methoxy-phenyl)ethyll-amide.
- d) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-(2-m-tolyl-ethyl)-amide,
- e) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-(2-phenoxy-propyl)-amide,
- f) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-(2-phenoxy-ethyl)amide.
- g) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-[2-(3-methoxy-phenyl)-ethyl]-amide.
- a-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-[2-(4-hydroxy-phenyl)-ethyl]-amide,
- i) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid benzylisopropyl-amide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-[2-(3-methoxy-phenyl)ethyl]-amide,
- k) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-[2-(4-hydroxy-phenyl)ethyl]-amide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid benzyl-isopropylamide.
- m) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [1-(4-hydroxy-phenyl)-ethyll-amide,
- n) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid 4-isopropylbenzylamide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-3-methoxybenzylamide, and,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-4-methoxybenzylamide.

Claim 22 (New): A compound according to claim 1 selected from the group consisting of:

- a) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-3,4-dihydroxybenzylamide,
- b) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid (naphthalene-1-yl-methyl)-amide.
- c) 2-(4-cyano-3-trifluoromethyl-phenoxy)-hexanoic acid benzylamide,
- d) N-benzyl-2-(4-cyano-3-trifluoromethyl-phenoxy)-3-methyl-butyramide,
- e) (R)- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid benzylamide,
- f) (R)-2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid benzylamide,
- g) (R)-2-(cyano-3-trifluoromethyl-phenoxy)-pentanoic acid 2-methylbenzylamide,
- h) 2-(3-chloro-4-cyano-phenoxy)-pentanoic acid benzylamide, and,
- i) 2-(3-chloro-4-cyano-phenoxy)-pentanoic acid [2-(4-hydroxy-phenyl)-ethyl]amide.

Claim 23 (New): A compound according to claim 1 selected from the group consisting of:

- a) (S)-2-(3-chloro-4-cyano-phenoxy)-pentanoic acid benzylamide.
- b) (S)-2-(3-chloro-4-cyano-phenoxy)-pentanoic acid [2-(4-hydroxyphenyl)ethyllamide.
- c) (S)-2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid-3-methylbenzylamide,
- d) (S)-2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-[2-(4-hydroxy-phenyl)-ethyl]-amide,
- e) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid-[1-(methoxy-phenyl)-ethyll-amide,
- f) (R-) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [2-4hydroxy-phenyl)-ethyll-amide,
- g) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-penanoic acid (1-phenylethyl)-amide.

- h) 2-(4-cyano-3-trifluoromethyl-phenoxy)-penanoic acid[1-(4-methoxy-phenyl)-ethyl]-amide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [1-(4-hydroxy phenyl)-ethyl]-amide,
- j) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid [1-(4-hydroxy-phenyl)ethyl]-amide,
- k) 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid [1-(4-hydroxy-[phenyl)ethyl]-amide,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid [1-hydroxyphenyl)-ethyl]-amide,
- m) 2-(4-cyano-3-trifluoromethyl-phenoxy)-4-methyl-pentanoic acid (1-phenyl-ethyl)-amide, and,
- 2-(4-cyano-3-trifluoromethyl-phenoxy)-pentanoic acid [1-(methoxy-phenyl)-ethyl]-amide.